

**In the Claims:**

Please amend the claims as indicated hereafter.

1. (Currently Amended) A system for editing parametric texture maps, comprising:  
a plurality of format-specific editors configured to respectively edit a plurality of parametric texture maps (PTMs), each of the PTMs having a format different than the formats of the other PTMs, wherein each of the format-specific editors is configured to perform at least one spatial operation on a respective one of the PTMs ~~parametric texture map (PTM) of a different format;~~ and

a PTM editing tool configured to receive a command to perform a spatial operation on a parametric texture map (PTM) identified by the command, the PTM editing tool configured to select one of the format-specific editors based on a format of the identified PTM and to invoke the selected format-specific editor in response to the command.

2. (Original) The system of claim 1, wherein the commanded spatial operation is a rotation of the identified parametric texture map.

3. (Original) The system of claim 1, wherein the commanded spatial operation is a resizing of the identified parametric texture map.

4. (Original) The system of claim 1, wherein each texel of the identified parametric texture map comprises data defining a luminosity value that is a function of light direction.

5. (Currently Amended) The system of claim 1, wherein each of the format-specific editors is configured to perform a rotation of a respective one of the PTMs ~~parametric texture map of a different format.~~

6. (Currently Amended) The system of claim 1, wherein each of the format-specific editors is configured to perform a resizing of a respective one of the PTMs ~~parametric texture map of a different format.~~

7. (Currently Amended) A system for editing parametric texture maps, comprising:  
a plurality of format-specific editors configured to respectively edit a plurality of parametric texture maps (PTMs), each of the PTMs having a format different than the formats of the other PTMs, wherein each of the format-specific editors is configured to perform at least one spatial operation on a respective one of the PTMs ~~parametric texture map (PTM) of a different format; and~~

a PTM editing tool configured to identify at least one spatial operation to be performed on a particular parametric texture map in order to complete a desired task, the PTM editing tool configured to determine a format of the particular parametric texture map and to identify which of the format-specific editors, based on the determined format, is compatible with the determined format of the particular parametric texture map, the PTM editing tool further configured to instruct the identified format-specific editor to perform the identified spatial operation on the particular parametric texture map.

8. (Original) The system of claim 7, wherein the identified spatial operation is a rotation of the identified parametric texture map.

9. (Original) The system of claim 7, wherein the identified spatial operation is a resizing of the identified parametric texture map.

10. (Original) The system of claim 7, wherein each texel of the identified PTM comprises data defining a luminosity value that is a function of light direction.

11. (Currently Amended) The system of claim 7, wherein each of the format-specific editors is configured to perform a rotation of a respective one of the PTMs ~~parametric texture map of a different format.~~

12. (Currently Amended) The system of claim 7, wherein each of the format-specific editors is configured to perform a resizing of a respective one of the PTMs ~~parametric texture map of a different format.~~

13. (Currently Amended) A system for editing parametric texture maps, comprising:  
a plurality of format-specific editors configured to respectively edit a plurality of parametric texture maps (PTMs), each of the PTMs having a format different than the formats of the other PTMs, wherein each of the format-specific editors is configured to perform at least one spatial operation on a respective one of the PTMs ~~parametric texture map of a different format;~~

means for identifying a spatial operation to be performed on a particular parametric texture map;

means for determining a format of the particular parametric texture map;

means for selecting, based on the determining means, one of the format-specific editors that is configured to perform the identified spatial operation on a parametric texture map of the determined format; and

means for invoking the selected format-specific editor such that the invoked format-specific editor performs the identified spatial operation on the particular parametric texture map.

14. (Original) A computer-readable medium having a program, the program comprising:

logic for receiving commands for editing parametric texture maps identified by the commands;

logic for identifying, based on the commands, spatial operations to be performed on the parametric texture maps;

logic for determining a format of each of the parametric texture maps; and

logic for selecting different format-specific editors for performing the spatial operations, wherein the selecting logic, for each of the identified spatial operations, is configured to determine which of the format-specific editors is compatible with the determined format of the parametric texture map on which the identified spatial operation is to be performed and to instruct the compatible format-specific editor to perform the identified spatial operation.

15. (Currently Amended) A method for editing parametric texture maps, comprising:  
identifying a spatial operation to be performed on a particular parametric texture map;  
determining a format of the particular parametric texture map;  
identifying, based on the determining, which of ~~[[the]]~~ a plurality of format-specific editors is compatible with the determined format of the particular parametric texture map, each of the format-specific editors configured to perform at least one spatial operation on a respective one of a plurality of parametric texture maps (PTMs), each of the PTMs having a format different than the formats of the other PTMs ~~of a different format~~; and  
invoking the identified format-specific editor such that the invoked format-specific editor performs the identified spatial operation on the particular parametric texture map.

16. (Original) The method of claim 15, wherein each identifying is performed in response to a command that identifies the particular parametric texture map.

17. (Original) The method of claim 15, wherein the identified spatial operation is a texture map rotation.

18. (Original) The method of claim 15, wherein the identified spatial operation is a texture map resizing.

19. (Original) The method of claim 15, wherein each texel of the particular parametric texture map comprises data defining a luminosity value that is a function of light direction.

20. (Original) A texture editing method, comprising:  
receiving commands for editing parametric texture maps identified by the commands;  
identifying, based on the commands, spatial operations to be performed on the  
parametric texture maps;  
identifying a format of each of the parametric texture maps;  
determining, for each of the identified spatial operations, which of a plurality of format-specific editors is compatible with the determined format of the parametric texture map on which the identified spatial operation is to be performed; and  
instructing different format-specific editors to perform the spatial operations based on the determining.

21. (Original) The method of claim 20, wherein the spatial operations include texture map rotations and texture map resizing.

22. (New) The system of claim 1, wherein different ones of the format-specific editors are configured to perform the same spatial operation on the PTMs.

23. (New) The system of claim 22, wherein each of the format-specific editors is incompatible with a format of a respective one of the PTMs.

24. (New) The system of claim 7, wherein different ones of the format-specific editors are configured to perform the same spatial operation on the PTMs.

25. (New) The method of claim 15, wherein different ones of the format-specific editors are configured to perform the same spatial operation on the PTMs.

26. (New) A system for editing parametric texture maps, comprising:  
a parametric texture map (PTM) editing tool configured to receive a command to perform a spatial operation on a parametric texture map identified by the command; and  
a plurality of parametric texture map editors, each of the editors configured to perform the spatial operation on parametric texture maps of at least one respective format,  
wherein the PTM editing tool is configured to make determinations as to which of the editors are compatible with which parametric texture map formats and to select different ones of the editors for performing the spatial operation on parametric texture maps of different formats based on the determinations, wherein the PTM editing tool is configured to select one of the editors for performing the spatial operation on the identified parametric texture map based on one of the determinations, the one determination indicating that said one editor is compatible with a format of the identified parametric texture map.

27. (New) The system of claim 26, wherein the spatial operation is texture map rotation.

28. (New) The system of claim 26, wherein the spatial operation is texture map resizing.

29. (New) The system of claim 26, further comprising memory for storing editor identification data, the editor identification data identifying each of the editors and indicating which of the editors are compatible with the format of the identified parametric texture map.

30. (New) The system of claim 29, wherein the PTM editing tool is configured to select said one editor for performing the spatial operation on the identified parametric texture map based on the data and to determine, in response to the command, that at least one of the other editors is incompatible with the format of the identified parametric texture map based on the data.